

**FIG. 1**  
**(PRIOR ART)**

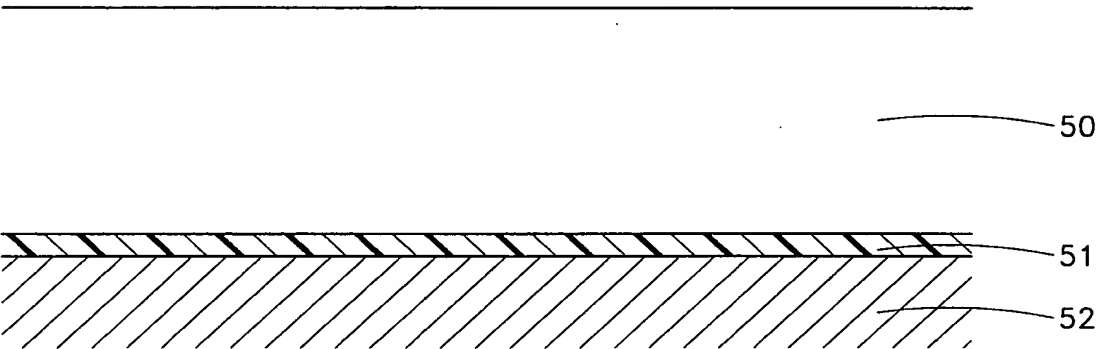


FIG.2

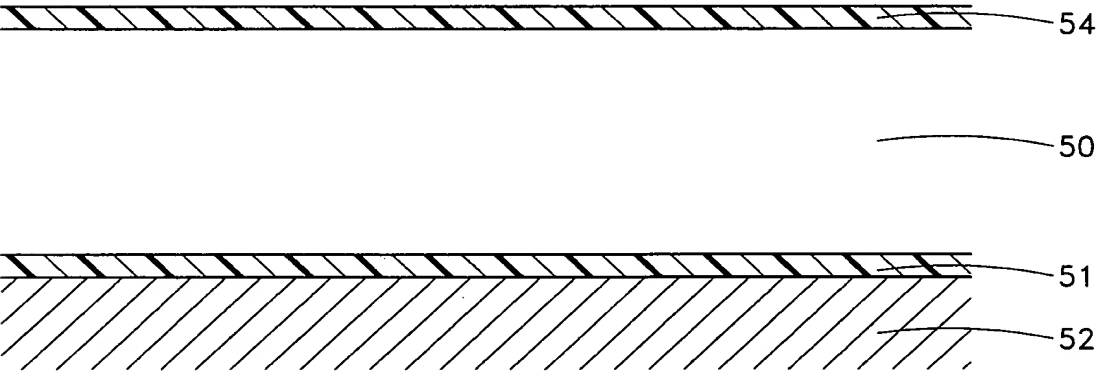
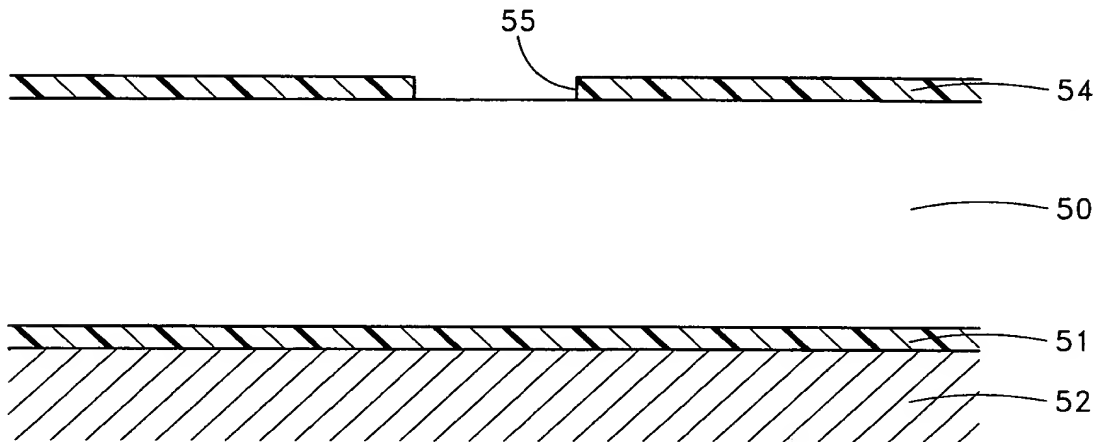


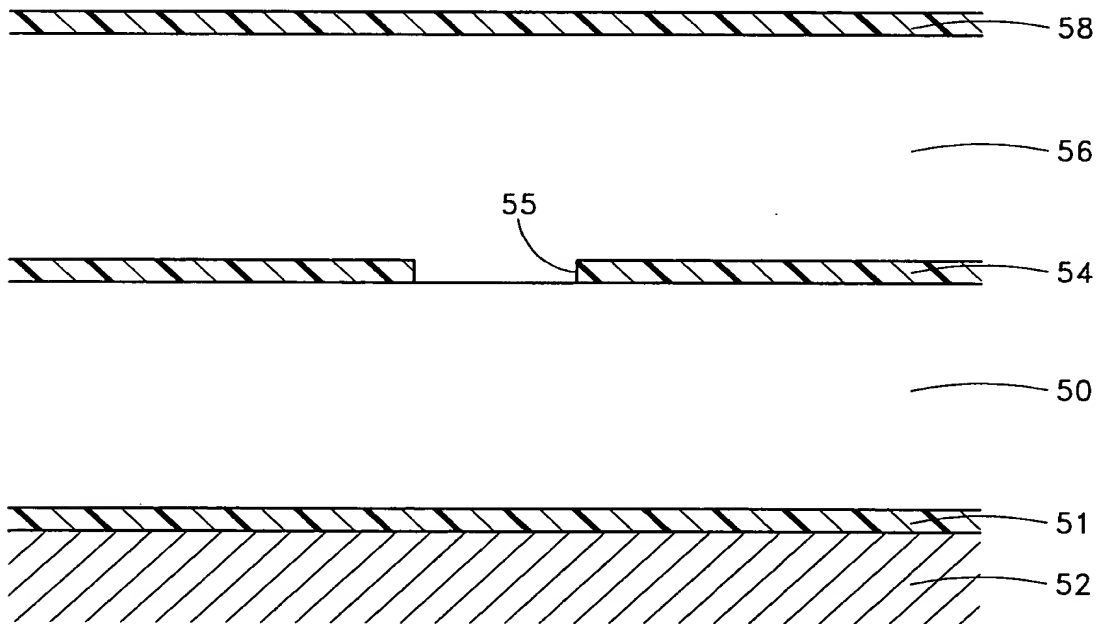
FIG.3



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**FIG. 4**



**FIG. 5**

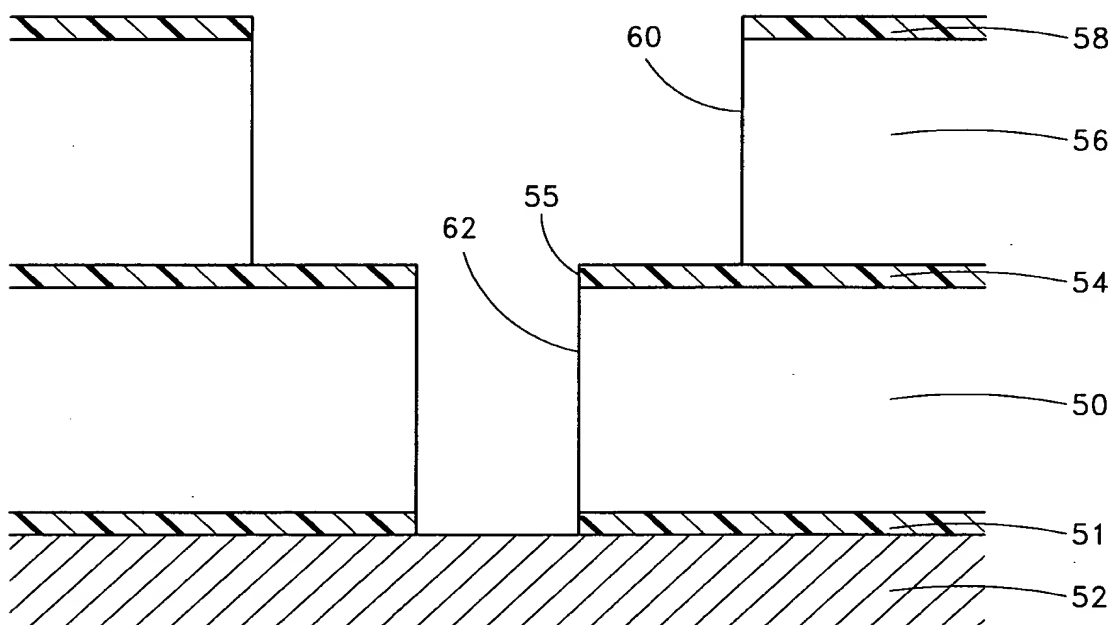


FIG. 6



IN SITU REDUCTION OF COPPER OXIDE PRIOR TO SILICON CARBIDE DEPOSITION

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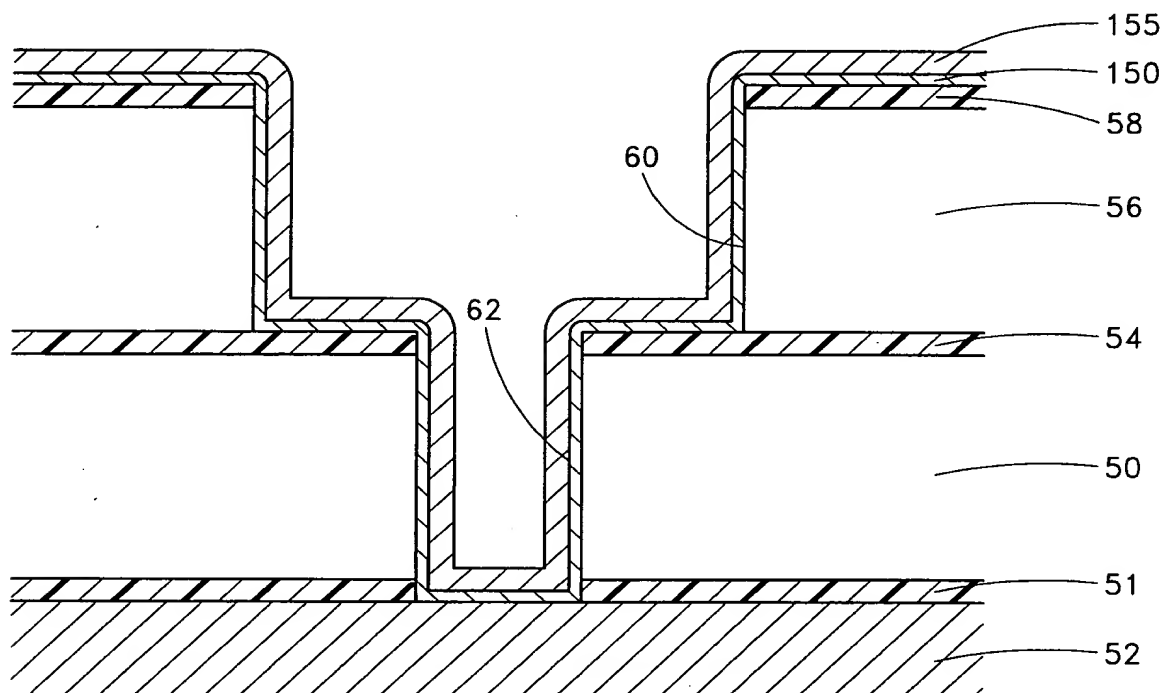
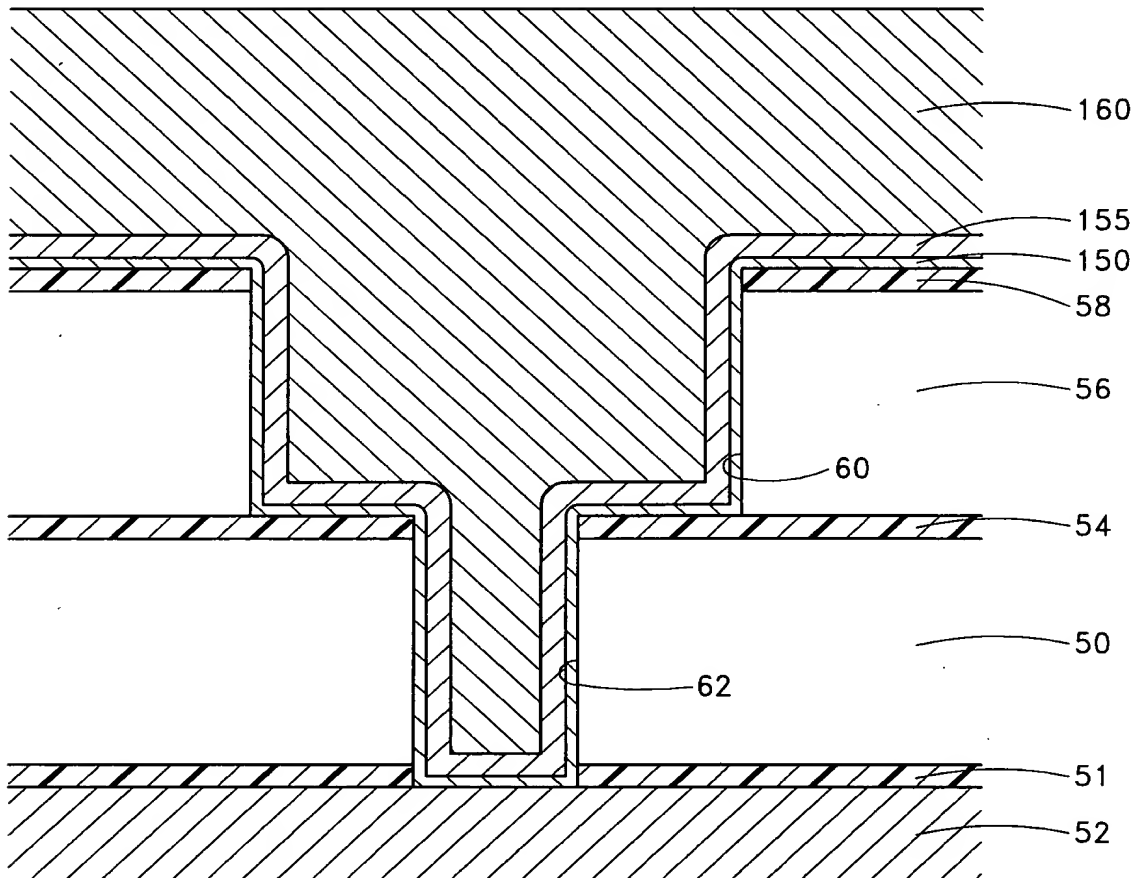


FIG. 7



**FIG. 8**



IN SITU REDUCTION OF COPPER OXIDE PRIOR TO SILICON CARBIDE DEPOSITION

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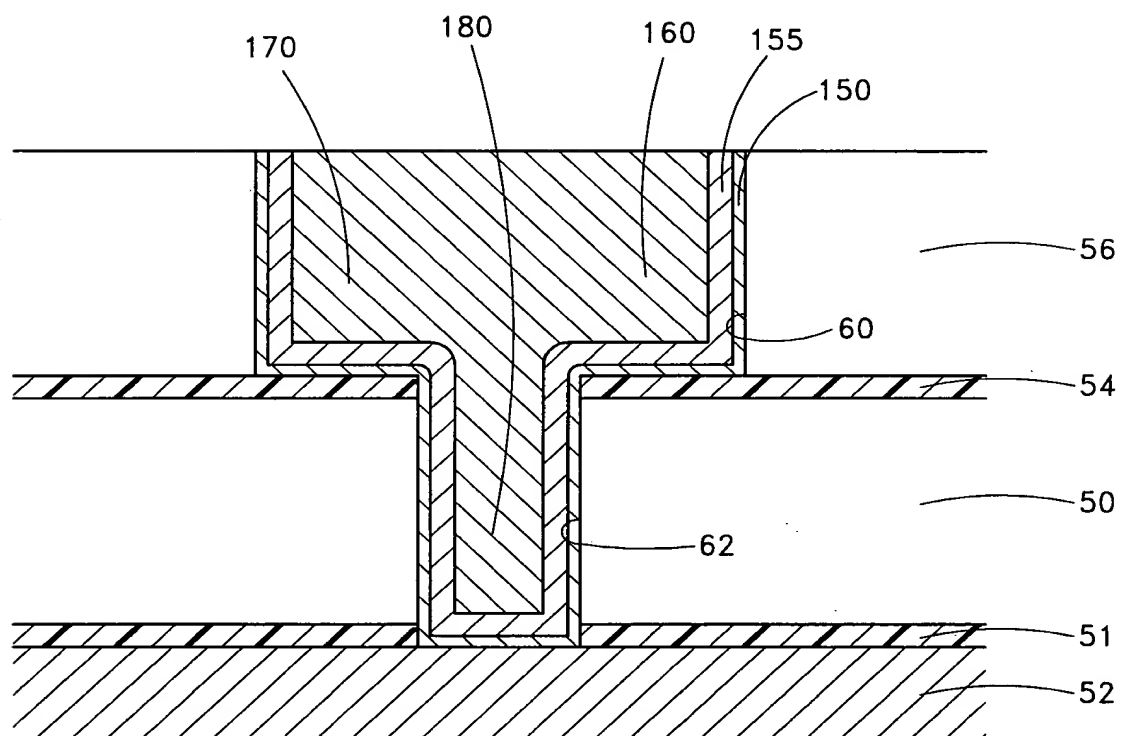
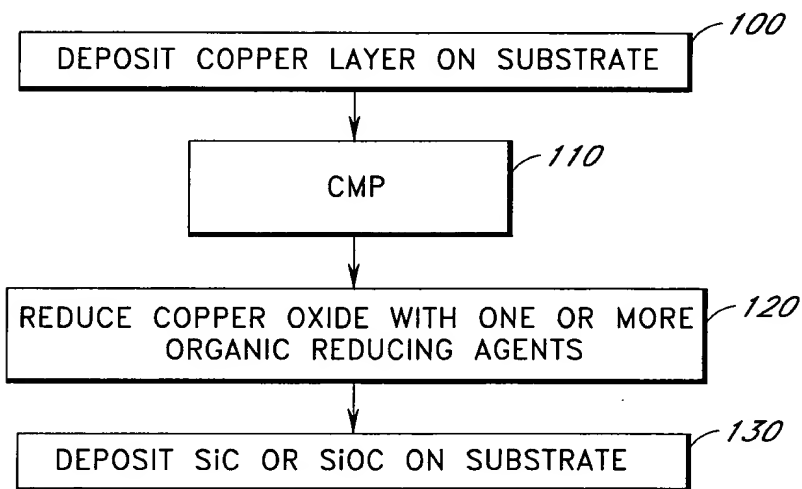


FIG. 9



**FIG. 10**



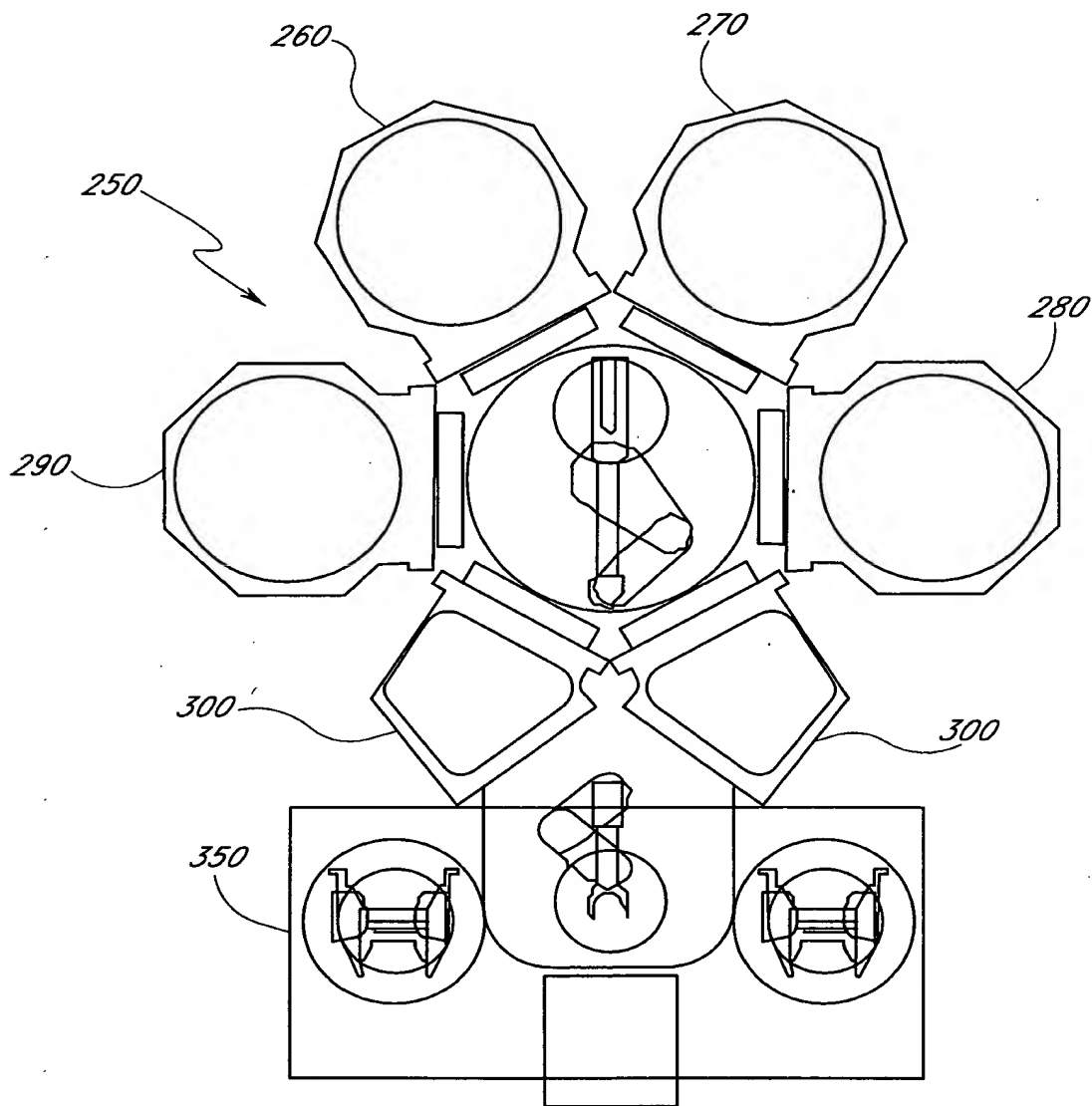


IN SITU REDUCTION OF COPPER OXIDE PRIOR TO SILICON CARBIDE DEPOSITION

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**FIG. 11**